

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

**Category:** **1. Computers**

<b>Sub Category</b>	<b>Item</b>	<b>Comments</b>
	Acer	
	Apple	
	Asus	Tablet only
	Dell	
	HP	
	Lenovo	
	Microsoft	
	Nexlink	Seneca Data-NNI
	Samsung	Chromebook only
	Sony	
	Toshiba	

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

**Category:** *2. Communications Equipment*

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
Routers/Switches	Avaya-Nortel Systems	Shipping documentation and software have to be relabeled by Avaya by 12/19/10
	Cisco	
	Cisco Meraki Cloud Managed Switch Gear	Must consult with WNYRIC WAN Senior Engineer prior to purchase.
Wireless Access Points	Apple	
	Aruba	
	Avaya-Nortel Systems	
	Cisco	
	Meraki/Cisco	
Wireless Bridge	MERU	
	LigoWare	
	Ubiquiti	

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

*Category:*                    **3. Internet Browsers**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Chrome	
	Firefox	
	Internet Explorer	IE 8.0 and newer
	Safari	

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

**Category:** 4. NIC Cards

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
Ethernet 10/ 100 / Gig E / wireless	OEM	by PC manufacturer on Standards List; Use of "B" not recommended

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

**Category:** **5. Operating Systems**

<b>Sub Category</b>	<b>Item</b>	<b>Comments</b>
<b>Network</b>	Linux	Red Hat Version 7.X or newer Ubuntu
	Mac OS X Server	
	Novell	
	VMWare	Infrastructure 4 (or newer)
	Windows 2008 and newer	Windows 2003-NNI (End of life June 14, 2013) Includes MS Hyper V
<b>Workstations</b>	Chrome OS	
	Linux	Red Hat Version 7.X or newer Ubuntu
	Mac OS X	
	Thin Zero Client	
	Windows 7 and newer	Any Non-Pro version of 8 not allowed if equipment is expected to connect to the network.
	Windows Vista	Not recommended-NNI

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

*Category:*                      **6. Plotters**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	HP	Specific services only

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

**Category:** *7. Printers*

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
3D	Airwold 3D	The current bid number is B14-TDP0723
	MakerBot	The current bid number is B14-TDP0723
High Speed Networked Digital	Canon	Selected models that are listed on the Erie 1 BOCES bid #B15-DP0520
	Konica-Minolta	Selected models that are listed on the Erie 1 BOCES bid #B15-DP0520
	Kyocera Mita	Selected models that are listed on the Erie 1 BOCES bid #B15-DP0520
	Oce`	NNI
	Panasonic	Selected models that are listed on the Erie 1 BOCES bid #B15-DP0520
	Ricoh	Selected models that are listed on the Erie 1 BOCES bid #B15-DP0520
	Sharp	Selected models that are listed on the Erie 1 BOCES bid #B15-DP0520
	Toshiba	Selected models that are listed on the Erie 1 BOCES bid #B15-DP0520

## WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

High Speed Networked Digital	Xerox	NNI--Selected models that are listed on the Erie 1 BOCES bid #B15-DP0520
Standard	Dell	
	Epson	
	HP	
	Lexmark	
	Okidata	
	PTM Document Systems	Print to mail units for Standards supported printers
	Ricoh	
	Xerox	



WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, docuement cameras, handheld devices, tablets, projectors etc.*

Category: 8. Scanners

Sub Category	Item	Comments
		Others as required or recommended by specific supported services/applications
	Canon	
	HP	

## WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

**Category:** **9. Servers (Standard)**

<b>Sub Category</b>	<b>Item</b>	<b>Comments</b>
Standard	Apple	NNI
	Dell	
	HP	
	IBM/Lenova	
	IBM/Lenova	
	Nextlink	Seneca Data-NNI
	Nextlink	Seneca Data-NNI

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, docuement cameras, handheld devices, tablets, projectors etc.*

*Category:*                    **10. Servers (SAN)**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
SAN	Dell/Equallogic Storage Solutions	
	HP/Lefthand Storage Works	

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

**Category:** **11. Software**

<b>Sub Category</b>	<b>Item</b>	<b>Comments</b>
Anti Theft/Data Protection	Absolute Computrace	
Collaborative Software	Exchange	
	Lotus Notes	
Desktop Image Protection	Clean Slate	NNI- Refer to WNYRIC End Point Management Best Practices
	Deep Freeze	NNI- Refer to WNYRIC End Point Management Best Practices
	Fool proof	NNI- Refer to WNYRIC End Point Management Best Practices
	Fortress 101	NNI- Refer to WNYRIC End Point Management Best Practices
	ZenWorks	NNI- Refer to WNYRIC End Point Management Best Practices
Desktop Imaging	Symantec Ghost	
Malware Protection	Computer Associates	
	Forefront Endpoint Protection	

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Malware Protection    McAfee

Sophos

Symantec

Office Productivity    File Maker Pro

Microsoft Office Suite    Or its components

OpenOffice

Printer  
Management    Print Manager Plus

Server Backup    ARCServ

Backup Exec

NovaStor

Paragon Backup and  
Restore

Retrospect MAC OSX

Veeam Backup and  
Replication

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, docuement cameras, handheld devices, tablets, projectors etc.*

Server Backup            Yosemite/Novanet

Terminal Servers       Citrix

Microsoft

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

*Category:*                    **12. Server Back Up**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Exagrid	
	IdealStor Backup Appliance Hardware Solutions	Hardware only: Teralyte, FraneNAS, and the IdealStor Backup appliance - excludes iBac product
	Tape Backup as recommended by server manufacturer	

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

**Category:** *13. Virtualization*

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
Desktop Application	Oracle Virtual Box	
	Parallel	
	Spoon Virtual Application Studio	
	VMWare Fusion	
Private Cloud	Classlink-Launchpad	
	WebNetwork-Stoneware	
Workstations	nComputing	



# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, docuement cameras, handheld devices, tablets, projectors etc.*

*Category:*                    **14. VoIP**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Avaya	
	Cisco	

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

*Category:*                    *15. Video Conferencing*

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
Hardware Appliance Based	Cisco Tandberg Videoconferencing	
	Polycom Videoconferencing	
Software Based		

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, docuement cameras, handheld devices, tablets, projectors etc.*

*Category:*                    *16. Network Optimization*

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Veloxum	NNI
	Vmware Vcenter Operations Manager	

## WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

**Category:** *17. Tablet Devices*

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Android 3.1 (or above)	OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase
	iOS4.1 (or above)	OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase

## WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

**Category:** *18. End Point Management*

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Faronics Deep Freeze Cloud Connector	
	Faronics Deep Freeze Cloud Connector	
	IBM TEM	Tivoli Endpoint Management
	Impero	Accessible on local network only
	JAMF Casper Suite	
	SCCM	2012 SP1 and newer

# WNYRIC Standards List as of August, 2015

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, docuement cameras, handheld devices, tablets, projectors etc.*

*Category: 19. UPS*

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
---------------------	-------------	-----------------